

4/pRTS

TITLE OF THE INVENTION

Card Medium for Use in Information Distribution

TECHNICAL FIELD

The present invention relates to a card medium for use in distributing information (which information is related to music contents) through communication lines, particularly to a card medium which can be used to print information relating to music contents so as to provide a user with such information.

BACKGROUND TECHNOLOGY

Recently, with the advance of communication technique, various communication systems have been suggested. For example, communication lines are used to distribute music contents to various terminal equipments so as to send the music contents to various users possessing the terminal equipments.

However, the above communication systems can only be used to perform data distribution and it is impossible for them to provide different users with different music contents. In other word, it is impossible for any of the above-mentioned communication systems to provide a user with music contents that are just what he or she wishes. For this reason, there has long been a demand to establish an improved information data distribution service which can not only distribute music data, but also ensure that the music contents obtained by a

user are exactly what he or she wants.

The present invention has been accomplished in order to solve the above problem, and an object of the invention is to provide a card medium which can facilitate the provision of an improved information data distribution.

DISCLOSURE OF THE INVENTION

According to a first aspect of the present invention, there is provided a card medium for use in information distribution, comprising: a card main body; a first indication section stripably formed on the card main body for indicating information relating to selected songs; and a second indication section stripably formed on the card main body for indicating information relating to the selected songs.

According to a second aspect of the present invention, there is provided a card medium for use in information distribution, comprising: a card main body; a first indication section stripably formed on the card main body for being attached to a file member; a second indication section stripably formed on the card main body; and a third indication section stripably formed on the card main body for being attached to a file member.

According to a third aspect of the present invention based on the second aspect of the invention, the third indication section is an index section.

According to a fourth aspect of the present invention based on the first or second aspect of the invention, the card main body is a song-word card, the first indication section is a song-word indication section, the second indication section is provided for being attached to an information recording medium.

According to a fifth aspect of the present invention based on the second aspect of the invention, the card main body is a song-word card, the first indication section is a song-word indication section, the second indication section is provided for being attached to an information recording medium, and the third indication section is an index section.

According to a sixth aspect of the present invention, there is provided a card medium for use in information distribution, comprising: a song-word card main body; a first indication section stripably formed on the song-word card main body for indicating information relating to recorded songs; a second indication section stripably formed on the song-word card main body for indicating information relating to the recorded songs.

According to a seventh aspect of the present invention, there is provided a card medium for use in information distribution, comprising: a song-word card main body; a first indication section stripably formed on the song-word card main body for indicating information relating to recorded songs, said first indication section being later attached to a file

member; a second indication section stripably formed on the song-word card main body for indicating information relating to the recorded songs; and a third indication section stripably formed on the song-word card main body for indicating information relating to the recorded songs, said third indication section being later attached to a file member.

According to a eighth aspect of the present invention based on the seventh aspect of the invention, the third indication section is an index section.

According to a ninth aspect of the present invention based on the sixth or seventh aspect of the invention, the first indication section is a song-word indication section, the second indication section is provided for being attached to an information recording medium.

According to a tenth aspect of the present invention based on the seventh aspect of the invention, the first indication section is a song-word indication section, the second indication section is provided for being attached to an information recording medium, and third section is an index section.

According to an eleventh aspect of the present invention based on any one of the first to tenth aspects of the invention, the first indication section includes a disc jacket indication section along with the song-word indication section.

According to a twelfth aspect of the present invention based on any one of the first to tenth aspects of the invention, the first indication section contains musical characters of a calling-out melody of a portable telephone.

According to a thirteenth aspect of the present invention based on any one of the first to twelfth aspects of the invention, besides the first indication section there is stripably formed a fourth indication section on the song-word card main body.

According to the fourteenth aspect of the present invention based on the thirteenth aspect of the invention, the fourth indication section is a shop's service seal.

In the card medium for use in information distribution according to the present invention, a first indication section can be stripably formed on the card main body for indicating information relating to selected songs (music contents), and a second indication section can also be stripably formed on the card main body for indicating information relating to the selected songs.

Further, according to the present invention, a first indication section can be stripably formed on the card main body for being attached to a file member, a second indication section can be stripably formed on the card main body; and a third indication section can be stripably formed on the card main body for being attached to a file member.

Moreover, according to the present invention, the third

indication section can be formed into an index section.

In addition, according to the present invention, the card main body can be a song-word card, the first indication section can be a song-word indication section, the second indication section can be provided for being attached to an information recording medium.

Besides, according to the present invention, the card main body can be a song-word card, the first indication section can be a song-word indication section, the second indication section can be provided for being attached to an information recording medium, and the third indication section can be an index section.

Further, according to the present invention, a first indication section can be stripably formed on the song-word card main body for indicating information relating to recorded songs; a second indication section can be stripably formed on the song-word card main body for indicating information relating to the recorded songs.

Moreover, according to the present invention, a first indication section can be stripably formed on the song-word card main body for indicating information relating to recorded songs, said first indication section being later attached to a file member; a second indication section can be stripably formed on the song-word card main body for indicating information relating to the recorded songs; and a third indication section can be stripably formed on the song-word

card main body for indicating information relating to the recorded songs, said third indication section being later attached to a file member.

In addition, according to the present invention, the third indication section can be an index section.

Besides, according to the present invention, the first indication section can be a song-word indication section, the second indication section can be provided for being attached to an information recording medium.

Further, according to the present invention, the first indication section can be a song-word indication section, the second indication section can be provided for being attached to an information recording medium, and third section can be an index section.

Moreover, according to the present invention, the first indication section can include a disc jacket indication section along with the song-word indication section.

In addition, according to the present invention, the first indication section can contain musical characters of a calling-out melody of a portable telephone.

Besides, according to the present invention, besides the first indication section there can be stripably formed a forth indication section on the song-word card main body.

Finally, according to the present invention, the fourth indication section can be a shop's service seal.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a view showing the structure of a card medium for use in information distribution.

Fig. 2 is a view showing the structure of a file.

Fig. 3 is a view showing an MD (Mini Disc).

Fig. 4 is a block diagram showing an information distribution system.

BEST MODEL FOR CARRYING OUT THE INVENTION

A preferred embodiment of the present invention will be described below with reference to Figs. 1 and 4.

In Fig. 1, reference numeral 1000 represents a card medium which can also be called a song-word card, including a song-word indication section 100, a disc jacket indication section 200, one or more MD (Mini-Disc) seal sections 300 for being attached to one end of an MD, and an index section 400.

In fact, the song-word card 1000 is made of a sheet on which a printing operation can be performed by virtue of a printer means 2000 contained within a terminal equipment 10000 (Fig. 4). The material forming the song-word card 1000 should not be limited to any particular nature, provided that it is a material on which a predetermined printing can be effected by virtue of the printer means 2000.

The song-word indication section 100 is so provided that the song-words of songs recorded on an MD 20000 may be printed thereon. Here, the song recorded on the MD 20000 is referred

to as a related song.

The jacket indication section 200 is provided so that an image corresponding to a picture on the jacket of a disc such as a CD (Compact Disc) may be printed thereon. At this time, the songs indicated on the song-word indication section 100 has already been recorded on the disc.

In the present embodiment, the song-word indication section 100 and the disc jacket indication section 200 are stripably formed on the card main body. The back surfaces of the song-word indication section 100 as well as the disc jacket indication section 200 are coated with an appropriate adhesive agent so that they can be bonded to the surface of a substrate 31000 (Fig. 2)

As shown in Fig. 2, a plurality of substrates 31000 each mounting a song-word indication section 100 and a disc jacket indication section 200 are allowed to be received into a file 30000.

In particular, the plurality of substrates 31000 each mounting a song-word indication section 100 and a disc jacket indication section 200 are stitched together by means of a stitching member 32000 which forms part of the file 30000.

Here, although it has been shown in the drawings that the song-word indication section 100 and the disc jacket indication section 200 are formed integrally together, it is also possible that they can be separated from each other so that only one of the song-word indication section 100 and the

disc jacket indication section 200 is bonded to a substrate 31000.

The MD seal sections 300 are provided so that the photographs of an artist's face can be printed thereon. Here, the artist is a person who was singing a song which is now indicated on the song-word indication section 100. However, the MD seal sections 300 do not always have to be photographs of an artist's face, but is also allowed to print a picture which is the same as that on the jacket of a CD, or it is allowed to print the title of a selected song.

Further, the MD seal sections 300 are also stripably formed on the card main body in the same manner as the song-word indication section 100 and the disc jacket indication section 200. Moreover, the back surfaces of the MD seal sections 300 are also coated with an appropriate adhesive agent, so that each of them may be easily bonded to a predetermined position of an MD 2000 shown in Fig. 3.

The index section 400 is provided so that the titles of the song (indicated on the song-word indication section 100) and the same picture as that on the jacket of a disc such as a CD (on which the selected songs have already been recorded) may be printed thereon.

Similarly, the index section 400 is also stripably formed on the card main body. Further, in the same manner as the song-word indication section 100 and the disc jacket indication section 200 as well as the MD seal sections 300,

the back surface of the index section 400 is coated with an appropriate adhesive agent, so that it may be easily bonded to a substrate 31000.

Here, the song-word indication section 100 and the CD jacket indication section 200 together serve as a first indication section, the MD seal sections 300 serve as a second indication section, while the index section 400 serves as a third indication section.

Further, it is also possible to form a shop's service seal 500 on the card main body. In fact, the shop's service seal 500 is also stripable and its back surface is coated with an appropriate adhesive agent.

In fact, the shop's service seal 500 serves as a fourth indication section. Like a shop's service stamp, once a user has collected certain amount of such service seals 500, he or she will be allowed to receive a discount or a novelty service. Further, it is also possible to use the shop's service seal 500 to indicate the franchise and the service mark of the shop.

Next, detailed description will be given to explain an information data distribution method involving the use of the song-word card 1000 having the above described structure.

Fig. 4 is a block diagram showing an information distribution system indicating how a song-word card 1000 of the present invention can be supplied to a user. As shown in Fig. 4, the system comprises a terminal equipment 10000, a

host computer 40000, a communication line 50000.

The terminal equipment 10000 comprises a printer means 2000, an operation processing means 3000, a coin identifying means 4000, an input means 5000, a display means 6000, a sound output means 7000, and an MD recorder 8000.

The printer means 2000 is provided to perform color printing on the song-word card 1000. Any type of a printer may be used in the terminal equipment 10000, provided that it can achieve a predetermined purpose.

The operation processing means 3000 is connected with the host computer 4000 through the communication line 5000. Such an operation processing means 3000 contains a CPU so as to control the information data communication as well as the entire operation of the terminal equipment 10000.

The coin identifying means 4000 is provided to determine whether or not a user has paid a fee for his or her use of the communication system. However, the coin identifying means 4000 is provided to identify not only a solid coin, but also a bill and a prepaid card.

The input means 5000 is provided to perform a search in accordance with the names of artists, so that a user can select his or her desired songs (to be recorded on an MD 20000). In the present embodiment, it is preferred to use a touch panel to effect such a selection.

The display means 6000 is provided to indicate how to use the communication system, how to search for a desired song,

also indicate the list of various songs.

The sound output means 7000 is provided to enable a user to audition a selected song and to produce a BGM (Background Music) as well as an effect sound.

The MD recorder 8000 is provided to record songs (selected by a user) on an MD 2000.

The communication line 50000 is provided to connect the terminal equipment 10000 with the host computer 40000. In the present embodiment, it is preferred to use a digital communication line. However, it is also allowed to use other kind of communication line, provided that a selected communication line is capable of achieving the same effect.

In practice, there may be a plurality of such terminal equipments 10000, and also, an appropriate modification may be made to change the system which connects the terminal equipment 10000 with the host computer 4000.

The operation of the information data distribution system shown in Fig. 4 may be described in the following. Namely, once a user pays a necessary fee to the coin identifying means 4000, the payment will be confirmed by the operation processing means 3000, so that an MD recording operation can be started. At this moment, the operation processing means 3000 will operate to display a song list on the display means 6000. Meanwhile, a user is allowed to select, on the display means 6000, his or her desired songs which are to be recorded on an MD 20000. The selected songs can then be input

into the terminal equipment.

Afterwards, the operation processing means 3000, in accordance with a selection signal fed from the input means 5000, receives the music data of the selected songs from the host computer 40000 by way of the communication line 50000. Then, the operation processing means 3000 operates to record the music data of the selected songs on the MD 20000.

Subsequently, the operation processing means 3000 operates to drive the printer means 2000, thereby printing out a song-word card 1000 in accordance with songs selected by the user.

After that, the words of the songs recorded on the MD 2000 are printed on the song-word indication section 100 of the song-word card 100. Further, an image corresponding to the picture on the jacket of a disc such as a CD (on which songs indicated on the song-word indication section 100 have already been recorded) is printed on the disc jacket indication section 200.

Meanwhile, a photo of an artist's face (who was singing the songs indicated on the song-word indication section 100) is printed on the MD seal sections 300, while the titles of the songs (indicated on the song-word indication section 100) and a picture on the jacket of the CD (on which the selected songs have been recorded) are printed on the index indication section 400.

Upon completion of the above printing operations, a song-

word card is discharged from the terminal equipment 10000.

Then, the user is allowed to strip the song-word indication section 100 and the disc jacket indication section 200 from the song-word card 1000, and bond them to a substrate 31000 within the file 30000.

Afterwards, the user is allowed to strip the index section 400 from the song-word card 1000 and bond it to one side of the substrate 31000.

Finally, the user is permitted to strip one of the MD seal sections 300 from the song-word card 1000 and bond it to an appropriate position on the MD (on which the selected songs have already been recorded).

In this way, by repeating the above operations, the user is allowed to obtain a song-word card 1000 containing song words of one or more songs (which have already been recorded in the MD). Then, a plurality of substrates 31000 (on each of which a song-word indication section 100 and a disc jacket indication section 200 have already been bonded) are stitched together within the file 3000, followed by attaching an index section 400 to each substrate 31000, thereby enabling a user to easily search and obtain his or her desired songs.

However, the song-word indication section 100, the disc jacket indication section 200 and the index section 400 can also be printed on the song-word card 1000, using other printing methods than that described in the above.

Moreover, as an information recording medium, it is

allowed to use not only an MD (Mini Disc), but also a magnetic tape cassette, a Write Once Read Many Type CD or DVD, a writable CD or DVD, or any other kinds of appropriate information recording mediums.

Further, the song-word indication section 100 may also be used to indicate musical characters of a calling-out melody of a portable telephone.

In this way, with the use of the present invention represented by the above preferred embodiment, desired musical contents can be supplied to a user by being at first recorded on an information recording medium such as an MD. Meanwhile, a printed card medium (song-word card indicating various informations relating to musical contents transmitted hereto) can be supplied to the user. Thus, it is possible to provide a user with an improved service for obtaining his or her desired musical contents.

INDUSTRIAL APPLICABILITY

The card medium for use in information distribution according to the present invention, comprises: a card main body; a first indication section stripably formed on the card main body for being attached to a file member; a second indication section stripably formed on the card main body; and a third indication section stripably formed on the card main body for being attached to a file member. Therefore, a plurality of card mediums may be easily stitched into a file,

making it possible to provide card mediums having an improved useful value.

Further, the card medium for use in information distribution according to the present invention, comprises: a song-word card main body; a first indication section stripably formed on the song-word card main body for indicating information relating to recorded songs, said first indication section being later attached to a file member; a second indication section stripably formed on the song-word card main body for indicating information relating to the recorded songs; and a third indication section stripably formed on the song-word card main body for indicating information relating to the recorded songs, said third indication section being later attached to a file member. Therefore, a plurality of song-word cards can be easily stitched into a file so as to be made in order. Moreover, a user is allowed to bond a picture and/or the title of a song to an information recording medium such as an MD.